

## ABSTRACT

An object is to efficiently authenticate a terminal trying a connection (participate) to a mobile network even if a connection between a moving mobile router and a mobile router access base station on a ground side is unstable or impossible. Apart from a first authenticating server (authenticating server 7) arranged at a place away from the mobile network (mobile router lower network 4) arranged inside a mobile body, a second authenticating server (lower authenticating server 12) is arranged inside the mobile network, and the authentication of the mobile terminals (terminals 13a, 13b) is designed to be carried out even in the second authenticating server. In particular, if the connection between the mobile network on the mobile body side and the first authenticating server on the ground side (namely, the communication between a mobile router 10 and mobile router access base stations 5, 6) becomes impossible, the second authenticating server is designed to authenticate the mobile terminal trying to participate in the mobile network.